

FOS CDR RID Report

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Document

RID ID CDR 17

Review FOS

Originator Ref

Priority 2

Section

Page

Figure Table

Category Name Ops Scenario

Actionee ECS

Sub Category

Subject Time Notation

Description of Problem or Suggestion:

UTC vs. CCSDS vs. EST vs. JST.

No coverage of tools available to convert from different time notation.

ATC and SC TLM CCSDS

EOC - UT

FOT wristwatch EST

ASTER ICC - JST

? Impact of Planning and scheduling?

Originator's Recommendation

Provide information on tools to convert time notations CCSDS-UT-EST.

GSFC Response by:

GSFC Response Date

HAIS Response by: Andy Miller

HAIS Schedule

HAIS R. E. Scott Carter

HAIS Response Date 11/3/95

The ECS FOS is providing a time conversion class (FoEcTime) to convert different time formats to/from an internal J2000 double representation. The time formats available from this class include the following: UTC/GMT, CCSDS Day Segment Time, PB1, PB4, PB5, UNIX TM and DCEUTC_T. The default standard for display purposes will be UTC Julian Format: YYYY:DDD:HH:MM:SS:sss. Spacecraft time management parameters will be displayed using the CCSDS Day Segmented Time Code Format.

FOS Planning and Scheduling will work on GMT (UTC) and will not perform any translation from/to Japanese time.

Status Closed

Date Closed 12/14/95

Sponsor Johns

Attachment if any
